

THE UNIVERSITY COMMUNITY COMPRISES APPROXIMATELY

+35,000 people.

+30,000 enrolled students.

5,200 staff.

2,037 professors.

UFU also provides university restaurants, community and sports centers, transportation between campuses, **TV** station and **FM** Radio station.

Our Programs

81 undergraduate degree programs,
26 PhD degrees and
43 academic Master's degrees,
10 professional Master's degrees,
44 specialization courses.

Distance Education

30 distance education courses:
6 undergraduate degree courses,
5 post-graduate specialization courses,
11 outreach and extension courses and
8 refresher courses.

7 University Campuses:

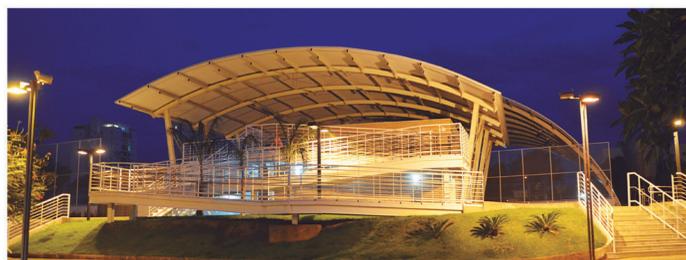
Campus Educação Física, Campus Glória, Campus Santa Mônica and Campus Umuarama, in Uberlândia/MG; Campus Monte Carmelo/MG; Campus Patos de Minas/MG; and Campus Pontal in Ituiutaba/MG.

3 Experimental Farms

- Glória **685** hectares;
- Capim Branco **373** hectares
- Água Limpa **670** hectares;
- Reserva Ecológica do Panga **+400** hectares.



Universidade Federal de Uberlândia (UFU) is one of the public, tuition-free Brazilian universities and is funded by the Ministry of Education. Since its founding in 1969, the university has been acquiring growing importance in the Brazilian educational context. UFU has always built up international and interinstitutional relations by offering regional, national and international mobility programs. These programs encourage the participation of students in different courses and research projects for one or two semesters. Double Degree programs are also possible. Students have the opportunity to take part of their course at another institution, experiencing different cultures and educational systems. We warmly welcome students from all over the world as well as those who study at other Brazilian universities. UFU is prepared to offer you a rich environment to foster learning and challenge your creativity.



COME AND JOIN UFU A MODERN ACADEMIC AND DYNAMIC LIFE!



INTERNATIONAL RELATIONS

UFU welcomes students from Mobility Programs and Cooperation Agreements signed with other universities. For international students who would like to participate in the exchange programs, UFU offers the following modalities: study, development of research projects under the supervision of UFU professors, Double Degree programs, sandwich degrees, full graduation and internships. In order to apply for an exchange position at UFU, the student must be regularly enrolled at an international higher education institution which holds a cooperation agreement with UFU and be proficient in oral and written Portuguese.

For further information concerning cooperation and exchange agreements, please visit: <http://www.dri.ufu.br>

For research partnerships, please visit:
<http://www.propp.ufu.br/en-capes-print>

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ENGINEERING KNOWLEDGE AND TECHNOLOGY FOR THE WORLD



EXCELLENCE AND TECHNOLOGY IN ENGINEERING

SCHOOL OF ELECTRICAL ENGINEERING

ELECTRICAL ENGINEERING

Students pursuing this degree will take classes in which electrical engineering is active, such as generation, transmission and distribution of electrical energy and industrial electrical systems. Generation, transmission and distribution of electrical energy emphasize the conventional use of energy, modern transmission and distribution systems, intelligent distribution networks and alternative sources of energy. Industrial systems open the possibility for the future engineer to develop and work with design, management, consulting, energy efficiency and automation.

BIOMEDICAL ENGINEERING

The biomedical engineer designs and develops biomedical equipment and performs scientific research in the development of materials and instruments used in the area of health. Specific content is offered, such as Clinical Engineering, Biomedical Instrumentation, Biomedical Signal Processing, Waste Management, Assistive Technologies, Medical Imaging and Telemedicine.

COMPUTER ENGINEERING

The program consists of articulating knowledge used in the development of computers and their peripherals. The computer engineer designs, develops and tests both software and hardware for embedded systems as well as control systems that involve sensors and actuators.

CONTROL AND AUTOMATION ENGINEERING

The course aims at educating professionals that are active in the development and integration of processes, systems, equipment as well as control and automation devices. The course also enables professionals to integrate physical and logical resources, specify and apply programs, materials, components, devices, electro-electronic and

electromechanical equipment used for industrial, commercial and building automation.

ELECTRONIC ENGINEERING AND TELECOMMUNICATIONS

The objective of the course is to educate engineers in the actual analysis of projects, implementation of systems, development of electronic equipment directed towards research areas and operation and maintenance of telecommunication systems.

INFRASTRUCTURE:

The School holds various laboratories for teaching and research, such as: Electrical Drives, Quality of Electric Energy, Dynamics of Electrical Systems, Transformers, Electric Machines, Power Electronics, Digital Signal Processing, Analogical and Digital Communication, Antennas and Microwaves, Automation and Industrial Networks, Instrumentation and Embedded Systems, Control of Continuous systems, Control of Discrete Systems, Biomedical Engineering, Analogical and Digital Electronics, Clinical Engineering, Biomedical Instrumentation and Movement Analysis.

SCHOOL OF CIVIL ENGINEERING

CIVIL ENGINEERING

The program focuses on educating multidisciplinary professionals to develop knowledge in every area of civil engineering. The program comprises teaching, learning, and outreach activities leading to desirable connections between university and community.

INFRASTRUCTURE:

Laboratories for practice include the following areas: Hydraulics, Geotechnology, Construction Materials and Techniques, Structures, Road Building and Bitumen, Topography, Sanitation and Transportation.

SCHOOL OF MECHANICAL ENGINEERING

MECHANICAL ENGINEERING

Students deal with a multitude of scientific and technological areas, from research and development to manufacturing, such as hydraulic, tool-making, agricultural and transport machines, hydraulic control systems, pneumatics and mechanics. Professionals must be able to quickly respond to current technological demands.

MECHATRONIC ENGINEERING

The objective of the course is to educate multidisciplinary professionals based on mechanics, electrical engineering and computer science. The duties of this professional are related to industrial process automation, software and machine design and development.

AERONAUTICAL ENGINEERING

Aeronautical Engineers typically work in the design, manufacturing and maintenance of fixed and rotary-wing, both civil and military aircraft, and also with the planning and management of airline companies. They must display a solid background in basic sciences, and may work in different industry sectors and research centers.

INFRASTRUCTURE:

The School holds the following teaching and research laboratories: Materials, Material Resistance, Motors, Metrology, Mechanical Vibrations, Acoustics, Instrumentation, Heat Transference, Refrigeration and Fabrication, Automatic Manufacture Planning, Automation and Robotics, Friction and Wear Technology.

Join our team!

SCHOOL OF CHEMICAL ENGINEERING

CHEMICAL ENGINEERING

Since its founding in 1965, more than 1,000 chemical engineers have graduated from the course. The Chemical Engineer plays an essential role in the development of production processes in the areas of foods, cosmetics, biotechnology, fertilizers, cement, cellulose and paper, nuclear, paints, polymers, environment, among others. This professional can design and coordinate industrial processes; identify, formulate and solve engineering problems related to the chemical industry. He develops clean technologies, processes associated with recycling and reuse of chemical industrial waste, which contributes to reduce environmental impact.

INFRASTRUCTURE:

Teaching Laboratories include the following areas: Fermentative Processes, Transport and Unit Operations, Chemical Reactions, Microbiology, Treatment of Effluents, Control and Simulation of Processes. Research laboratories include the following areas: Biochemical, Enzymatic Technology, Food Analyses, Catalyst Characterization, Processes under Supercritical Conditions, Sustainable Processes, Solid-Fluid Flows, Computational Fluid Dynamics, Drying, Radioisotope Applications, Industrial Automation, Waste Treatment, among others.

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